

ABSTRACT

The current invention provides a system and method for managing requests from one or more requesters to one or more resources. These requests, which may be any of multiple request types, are prioritized using one or more threshold values.

- 5 Each threshold value is associated with one or more of the request types, and defines the maximum number of requests of the associated types that may be pending to the resources before the threshold is reached. When all associated thresholds have been reached for requests of one or more predetermined request types, an indication is provided to re-issue requests of those types at a later time. A
- 10 priority scheme is used to allow re-issued requests to systematically gain access to the shared resource to prevent the starvation of any given requester.